

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
18 October 2001 (18.10.2001)

PCT

(10) International Publication Number
WO 01/77894 A1

(51) International Patent Classification⁷: G06F 17/30

(21) International Application Number: PCT/KR01/00520

(22) International Filing Date: 30 March 2001 (30.03.2001)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
2000/18528 8 April 2000 (08.04.2000) KR
2000/22202 26 April 2000 (26.04.2000) KR

(71) Applicant and

(72) Inventor: KIM, Kicheon [KR/KR]; 129-20 Jung-gok-dong, Gwangjin-gu, Seoul 143-222 (KR).

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ,

DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.

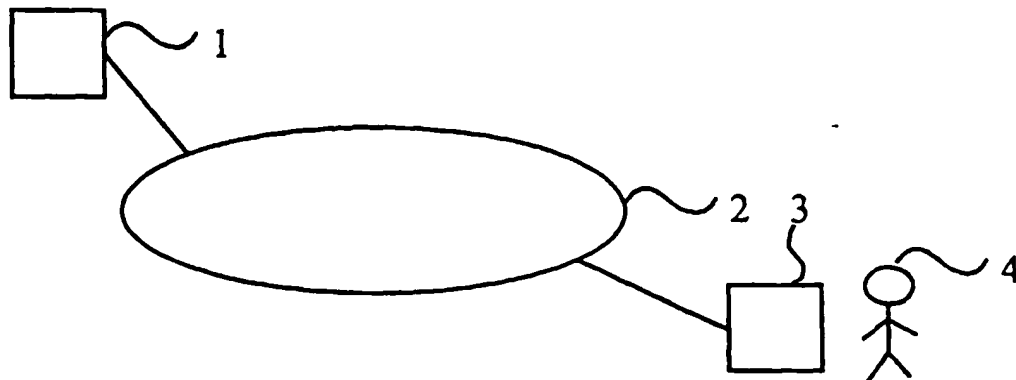
(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: PAGED WEB PROTOCOL



(57) Abstract: The present invention is about application level protocol, which is partitioning large amount of information into smaller pages and preloading multiple pages as many as the preloading parameter, achieving flow control by the unit of page. The idea that user interface directly provides network flow control is extremely important part of this invention. This also reduces network traffic and loading delay. Another important part of this invention is based on the idea that digital moving picture is also sequential pages. So, we can add hypertext link to the digital moving picture. This part of invention is called hypertext coding and the new media is named hypertext TV or hypertext media.

WO 01/77894 A1